

ABSTRACT

5 Data storage format for storing topography data associated with an object includes a first section for storing topography data in relation to a reference entity with respect to which the topography data is measured or calculated, a second section for storing information concerning the reference entity, and a third section for storing information concerning the topography direction along which the topography data is measured or calculated. Data is stored in the data storage format by determining reference entity with respect to which the topography data is measured or calculated, obtaining information regarding the reference entity and storing that information in a second section of the data storage format, obtaining information corresponding to the topography direction along which the topography data is measured or calculated and storing that information in a third section of the data storage format, and storing topography data in a first section of the data storage format. Data stored in the data storage format is utilized for registering and fusing topography data to other data.

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